



WaveZ Reference Guide



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Disclaimer

Important Safety and Legal Notice

The WaveZ device and all related hardware and software are provided **for research, experimental, and educational use only.**

They are not **medical devices** and are **not intended to diagnose, treat, cure, or prevent any disease or illness.** No part of this guide or the equipment described should be interpreted as medical advice. All information contained herein is general, non-prescriptive, and may not apply to individual circumstances. Users must consult a qualified healthcare professional or physician before beginning any protocol or using frequencies for health-related outcomes.

By using the WaveZ system, you acknowledge and agree that:

- The manufacturer and distributors make **no medical or therapeutic claims.**
- Operation of this equipment is at the user's own risk.
- Neither the manufacturer, contributors, nor affiliates assume any liability for injury, loss, or damage arising from use or misuse.

Operational Hazards and Precautions

- **Never** place electrode pads on or over the heart. Minimum 6-inch pad spacing on the chest is mandatory.
- **Never** apply pads to the carotid artery region, spine, eyes, or broken skin.
- Always start intensity controls at zero, increase slowly until a light tingling sensation is felt, then reduce slightly.
- Do not use this equipment if you have an implanted electronic medical device such as a pacemaker.

By proceeding, you confirm understanding and acceptance of these safety and liability terms.

Running the WaveZ Application

- Power on your WaveZ MiniMax Handheld Device.
- Open the WaveZ application on your tablet.
- If your MiniMax is not yet paired, see Appendix C — Bluetooth Pairing. In most cases these ship paired.



Figure 1 WaveZ MiniMax – Power Button

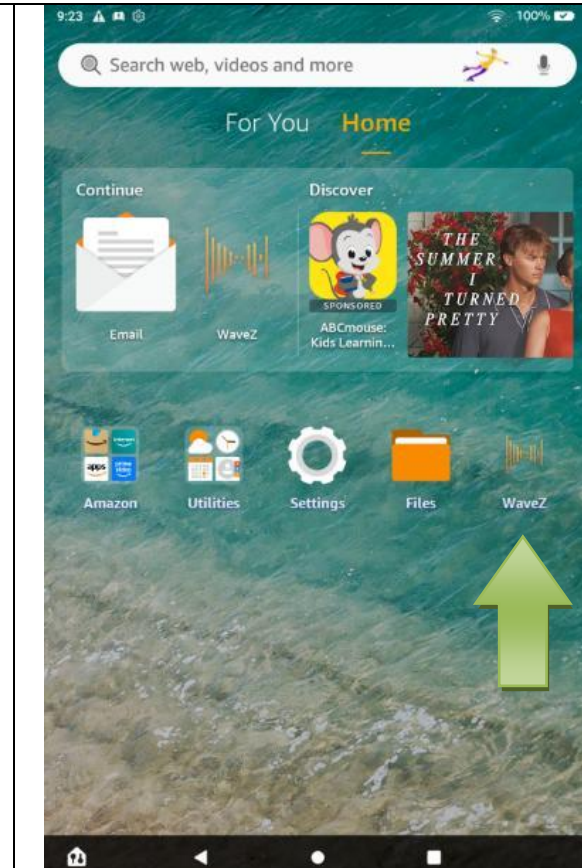


Figure 2 Main Screen with App Icons

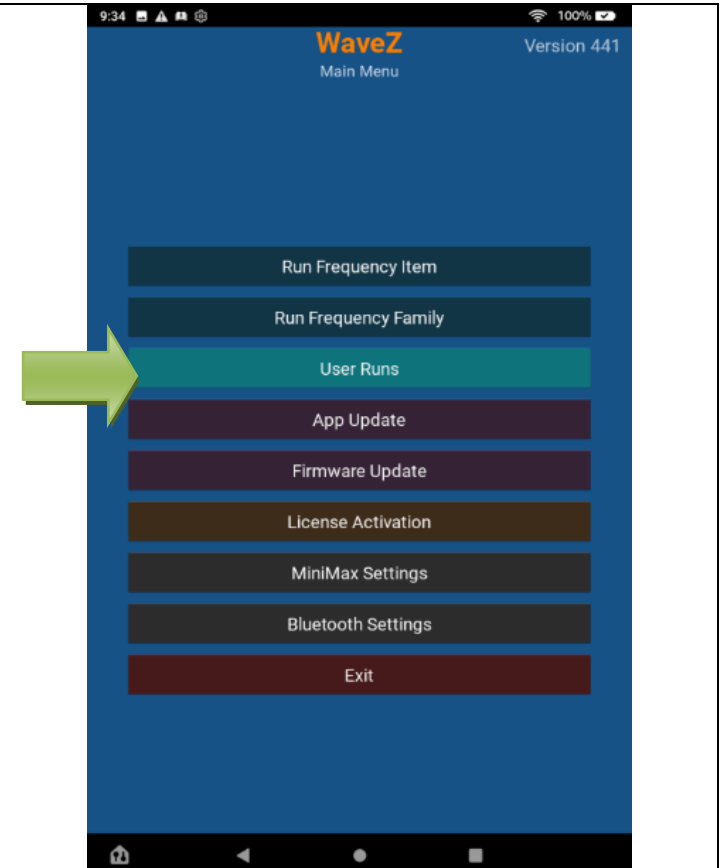


Figure 3 Main Menu – User Runs

The WaveZ App tracks user runs. Begin by configuring your user profiles.

User Runs / User Naming

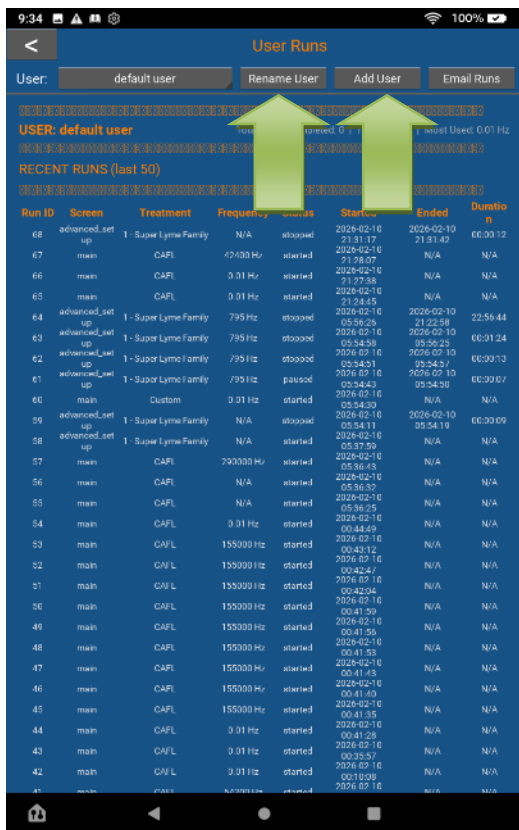


Figure 4 User Runs Screen

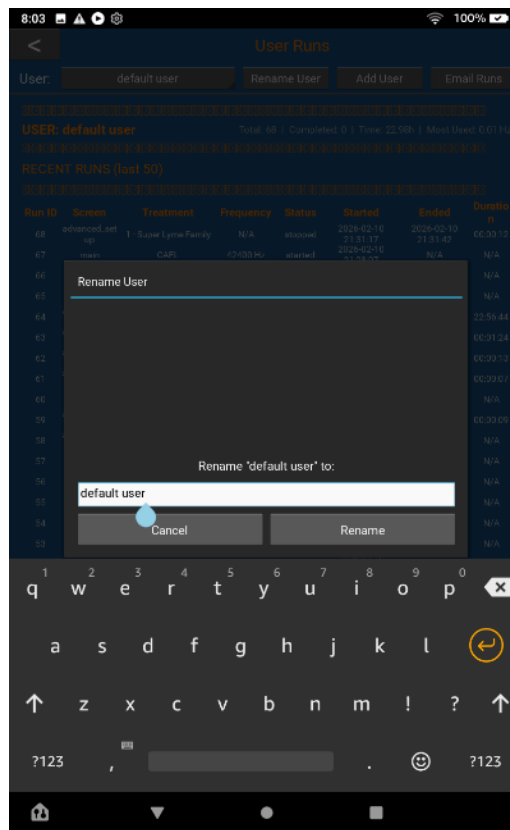


Figure 5 Rename User

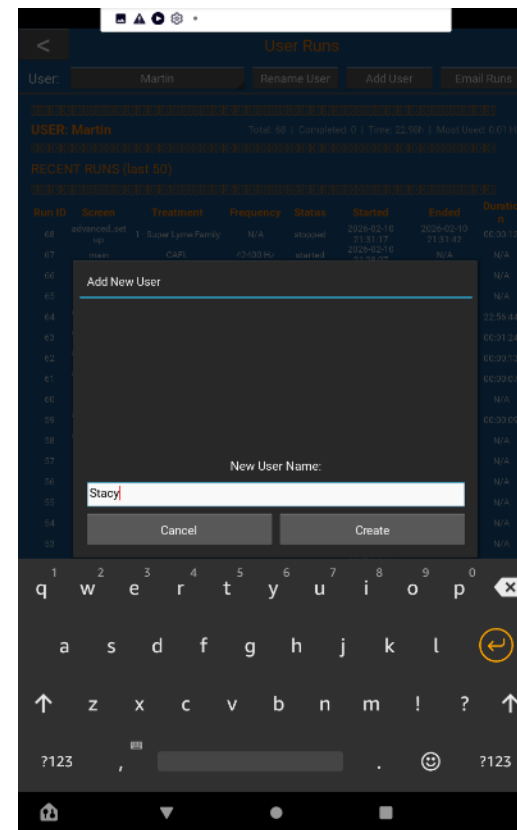


Figure 6 Add User

1. Open User Runs from the Main Menu.
2. Tap Rename User to personalize the default user profile.

3. Use Add User to enter additional participants if the device is shared. Each profile keeps its own run history and may be exported to a wellness coach.
4. Select the Back (“<”) arrow to return to the Main Menu.
5. If you have more than one person using the app then navigate to Figure 6 Add User by pressing the “Add User” button in Figure 4 User Runs Screen.
6. You can add multiple users. The reason for this is to track what frequency sequences a user has selected for their runs.
7. These runs can be emailed to your wellness coach as required. To return to Figure 3 Main Menu select the “<” back button on the top left found in Figure 4 User Runs Screen.

Run Frequency Item

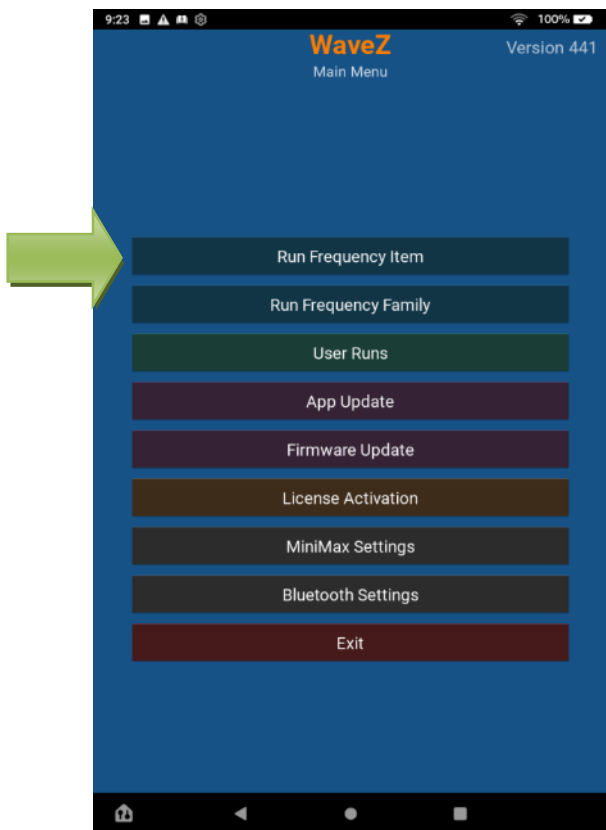


Figure 7 Main Menu - Item

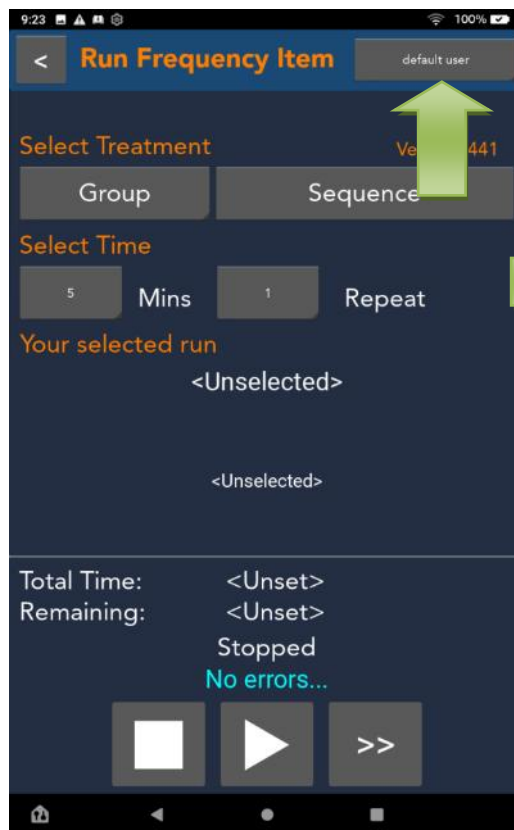


Figure 8 Select User

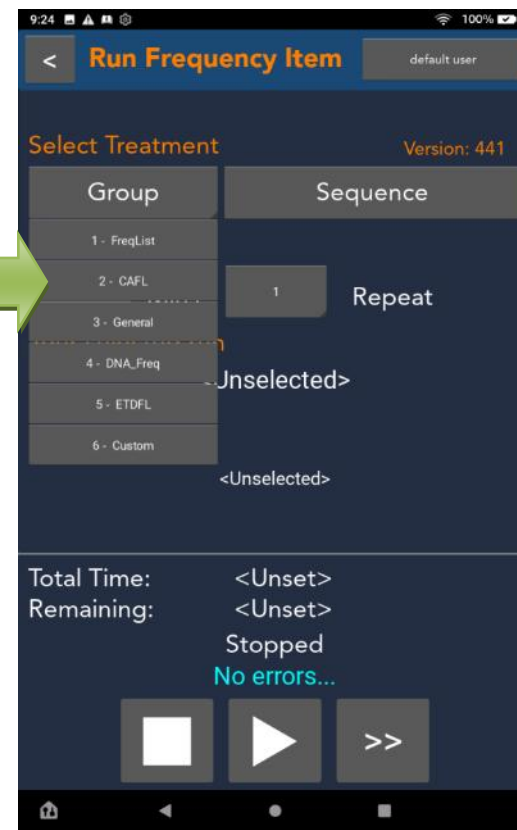


Figure 9 Select Group

Run Frequency Item is one of the most used functions; it's the first button on the Main Menu.

Run Frequency Item (continued)

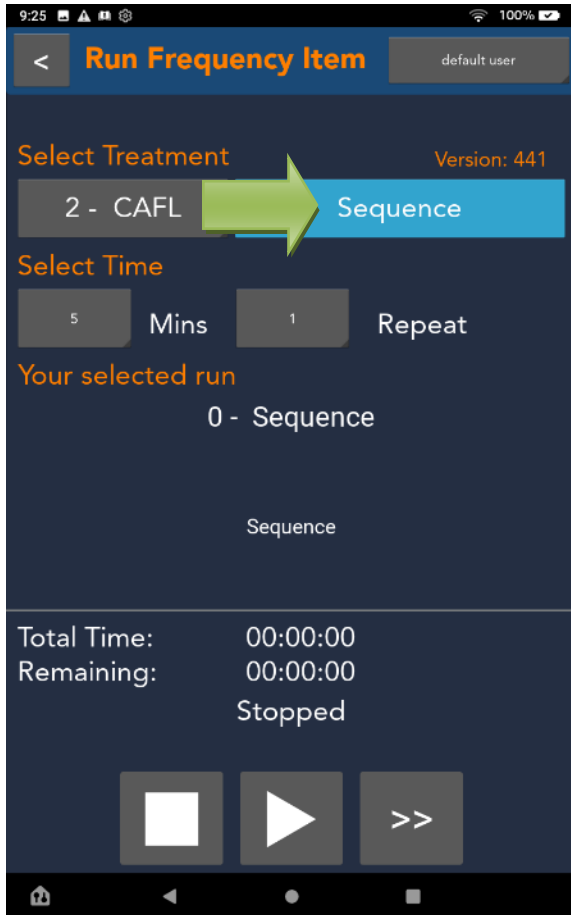


Figure 10 Select Sequence

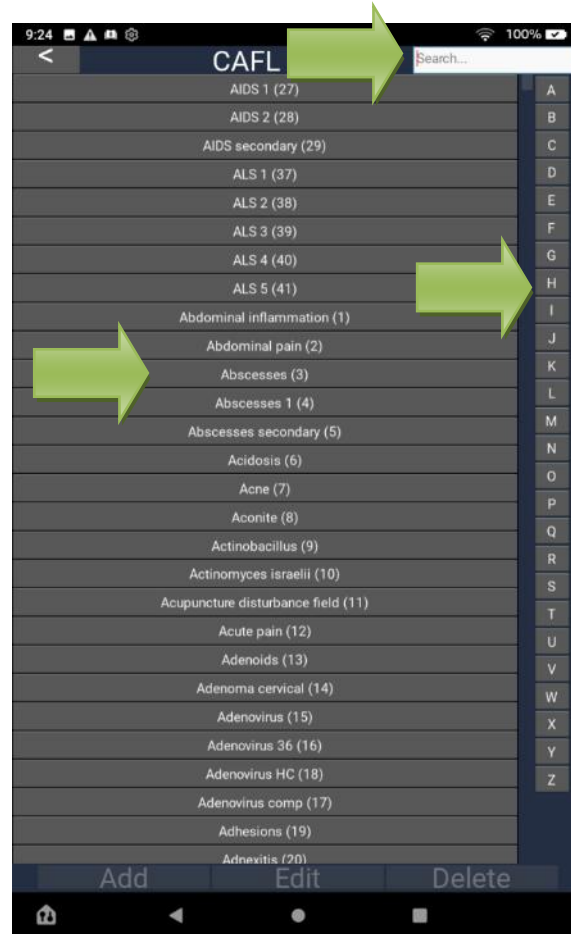


Figure 11 Sequence Filter

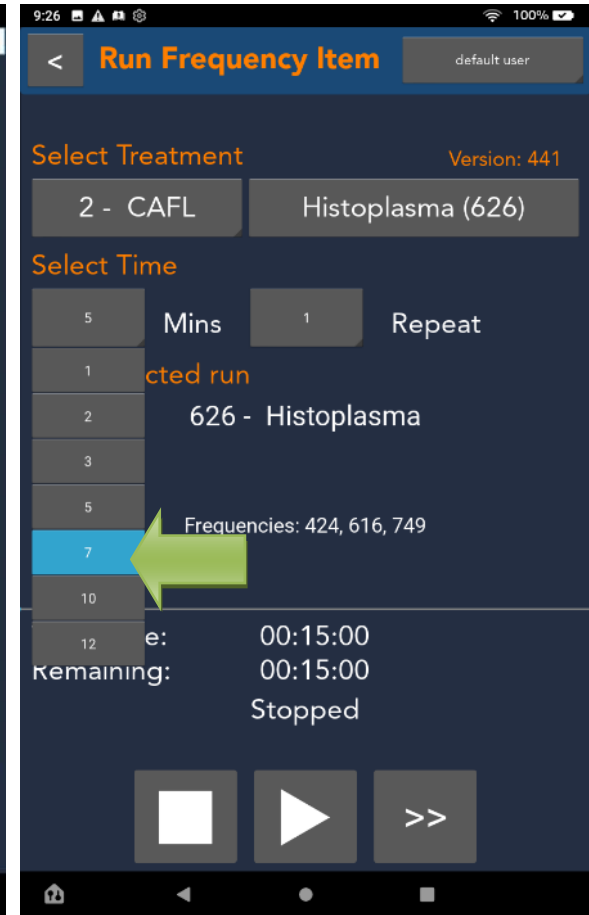


Figure 12 Time in Minutes

1. Confirm the Bluetooth connection between the tablet and hardware (the connecting message disappears when paired).
2. Choose the desired Group.

- 3. Choose an appropriate Sequence.
- 4. Use the Sequence Filter to search alphabetically or by name.

Running the Frequency Item Sequence

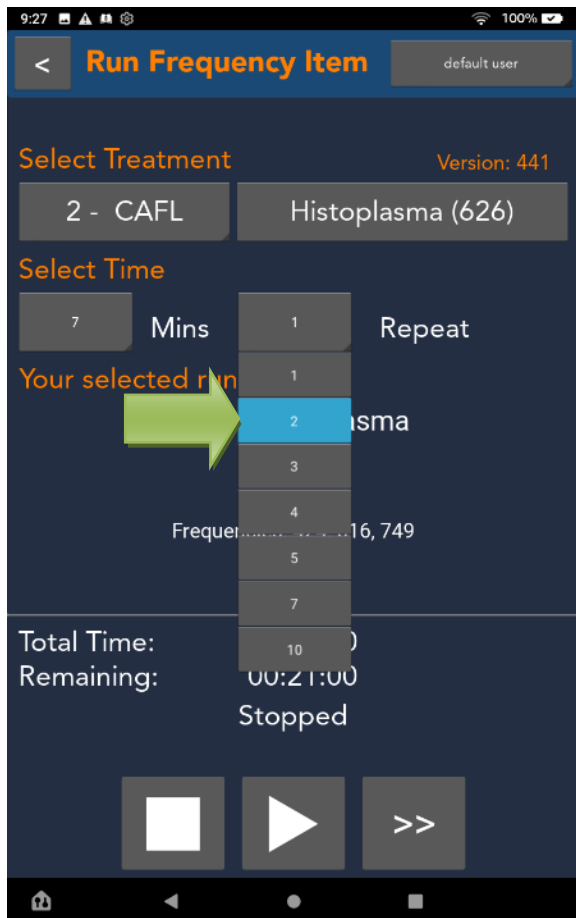


Figure 13 Repeat Run

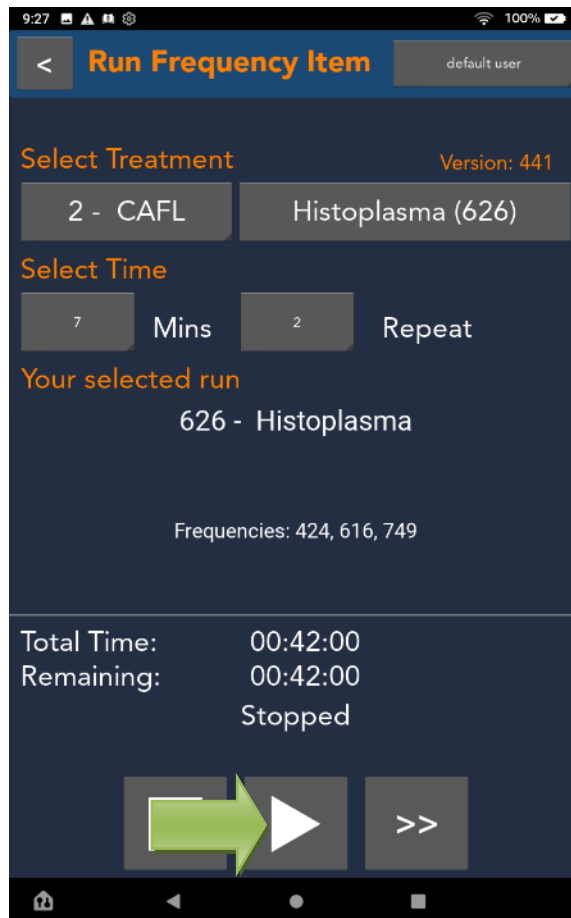


Figure 14 Play/Pause

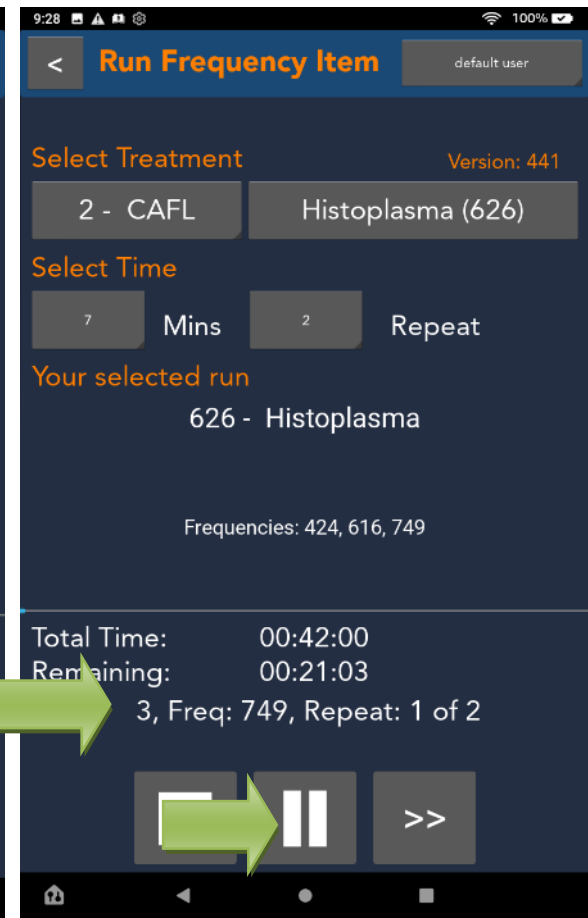


Figure 15 Pause/Skip Run

1. Each available Sequence contains multiple frequencies.
2. Set the Time for each run, and set the Repeat count to indicate how many consecutive loops to perform.
3. Press Play to begin the run.

Running the Frequency Family Selection

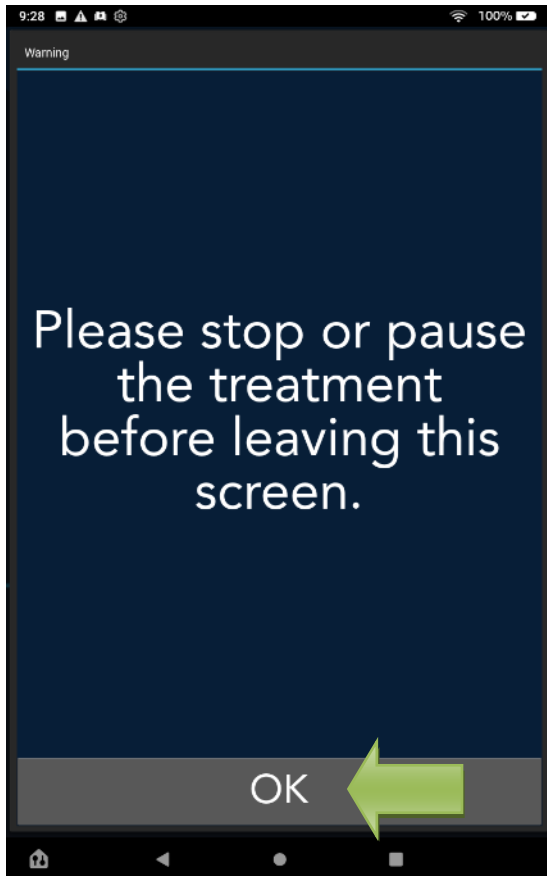


Figure 16 Pressing "<" while Running

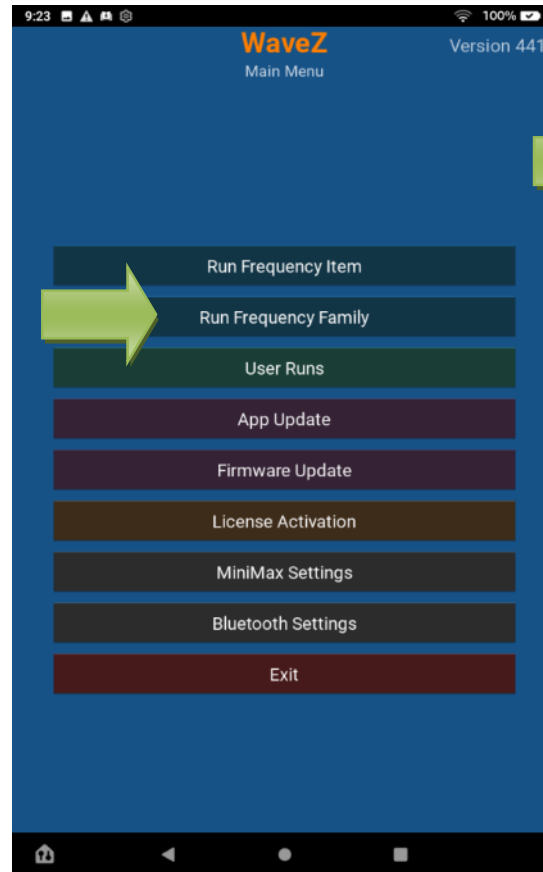


Figure 17 Main Menu - Family



Figure 18 Run Frequency Family

1. Select “Run Frequency Family” from the Main Menu.
2. Select “Treatment” to see current Frequency Families.
3. Note the “Add”, “Edit”, “Delete”, and “Select” buttons.
4. “Select” returns you to the prior screen, then press Play to run the Frequency Family that you selected.

Editing the Frequency Family

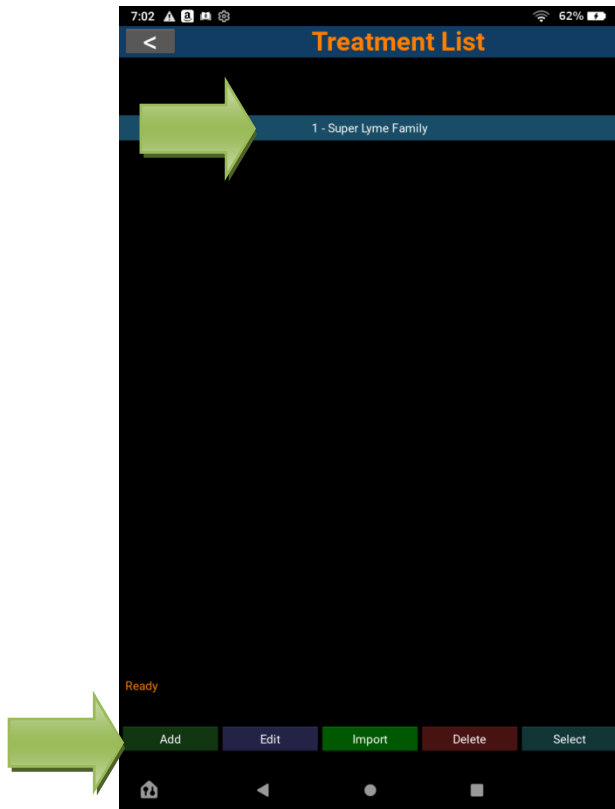


Figure 19 Treatment Edit

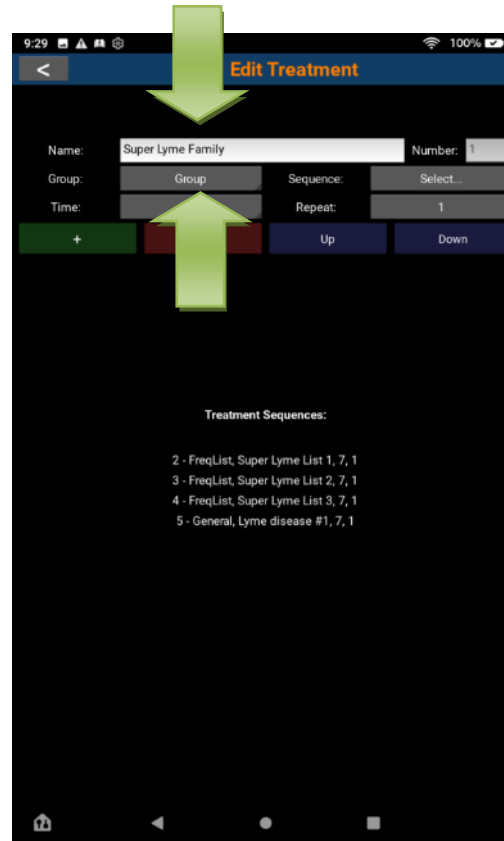


Figure 20 Name Treatment / Group Select

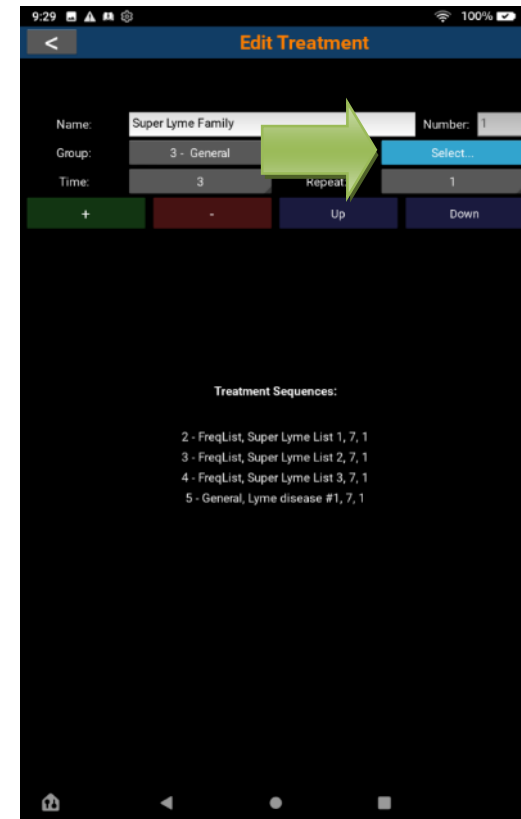


Figure 21 Sequence Select

1. In Family Mode, press Add to build your first Treatment Family.
2. Enter a descriptive name (for example, Leg Support).
3. Select both Group and Sequence, then choose Time and Repeat values.

Editing the Frequency Family (Group and Sequence)

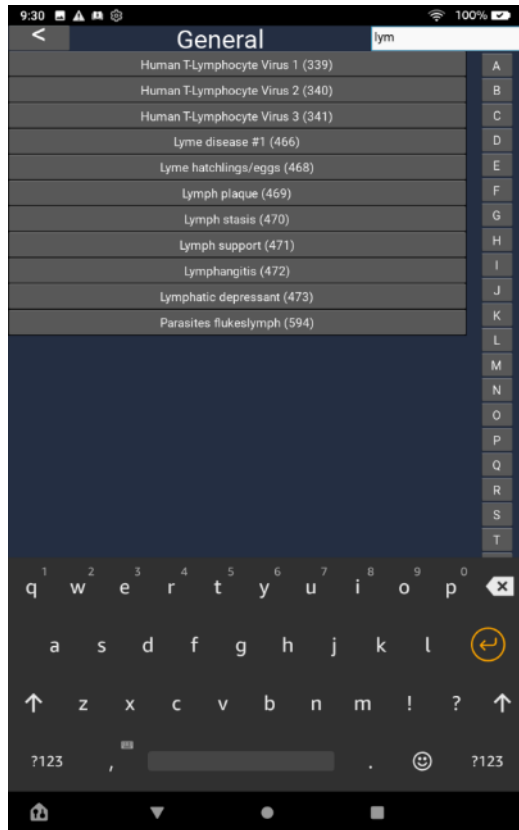


Figure 22 Group Selection

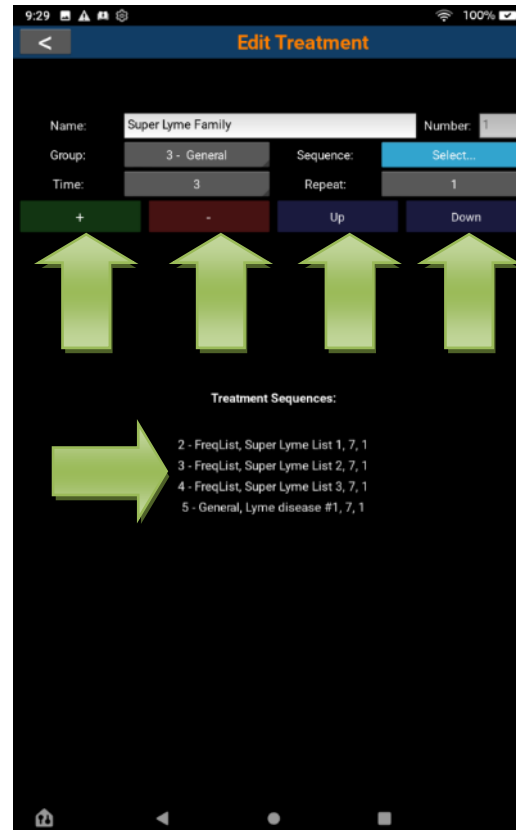


Figure 23 Treatment +/- Up/Down



Figure 24 Treatment Selection

1. Choose a Group, then select the Sequence to include.

2. To reorder sequences, use the Up (^) and Down (v) arrows.
3. Continue adding multiple sequences to complete your Family list.
4. Specify **duration** (minutes per sequence) and **repeat count**.
5. Press “+” to add that sequence to the selected Family.
6. The Family table updates to show Group, Sequence Name, Time, and Repeat values.
7. Press “<” to Save the current Frequency Family.
8. Press “Select” to Select the Family Frequency that is Highlighted.

Running Frequency Family



Figure 25 Treatment Play/Pause

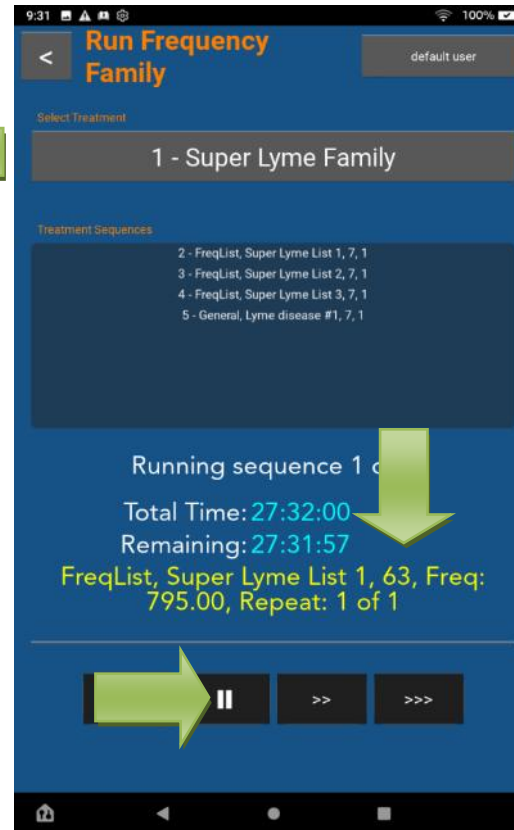


Figure 26 Treatment Running

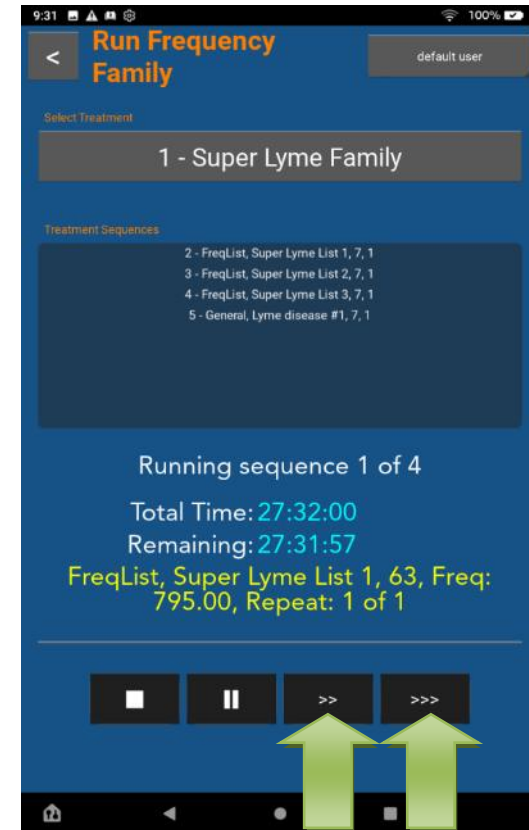


Figure 27 Skip Frequency/Sequence

1. Note the “default user” on the top right. Runs will be added to this user.
2. Note the name of the Family Frequency “Super Lyme Family”.
3. Press **Play** to begin the entire Family run.
4. Total runtime is displayed on screen.
5. **Pause** temporarily halts, **Stop** resets to the beginning.

6. Press “>>” Fast Forward to jump to the next Frequency.
7. Press “>>>” Fast Fast Forward to jump to the next Family Sequence.

Family Setup (Adding More Sequence Runs)

1. Repeat the Add Sequence process for each additional run desired.
2. Use “-” to delete or **arrows** to reorder.
3. When finished, press the top **Back (<)** arrow and select your Family for execution.

App Update

The application may be updated via your WiFi connection. Follow these steps.

1. Connect your tablet to the WiFi (see tablet connection to WiFi instructions)
2. Select the “App Update” button see Figure 28 Main Menu – App Update.

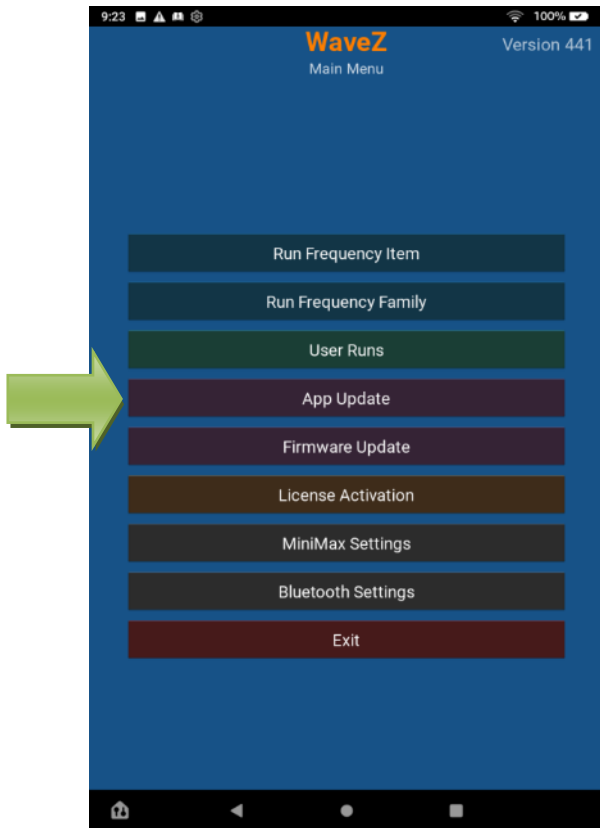


Figure 28 Main Menu – App Update

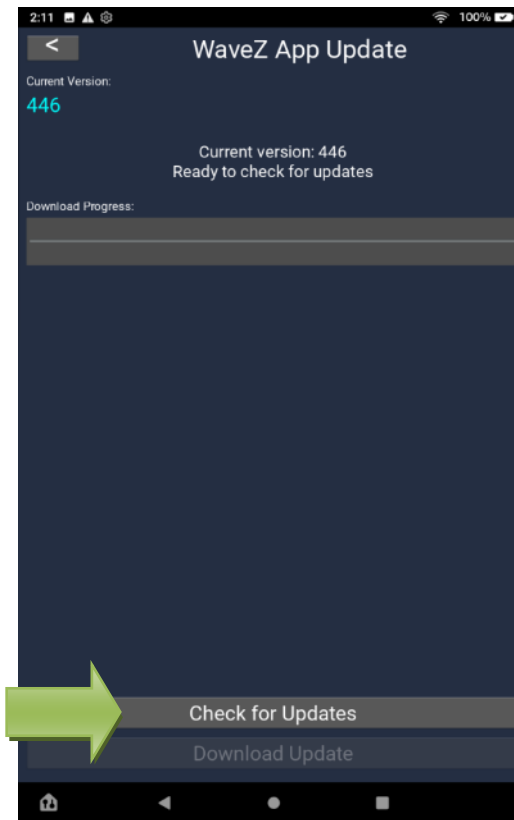


Figure 29 Check for Updates

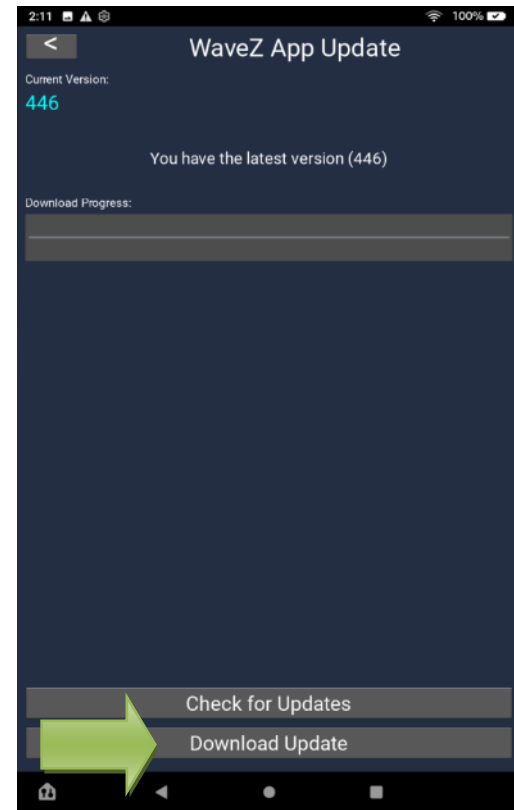


Figure 30 Download Update

1. Ensure the tablet is connected to Wi-Fi.
2. Select App Update → Check for Updates.
3. Tap Download Update and follow on-screen prompts.
4. Choose Install to complete.
5. Verify the version number after installation.

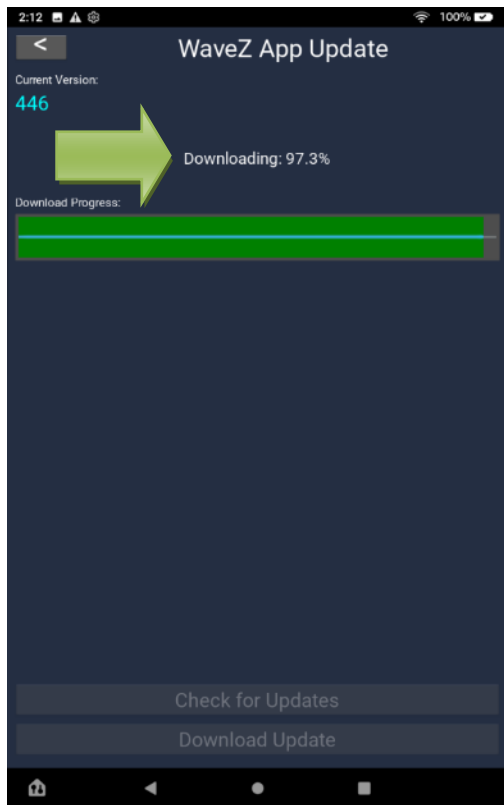


Figure 31 Main Menu –
Downloading

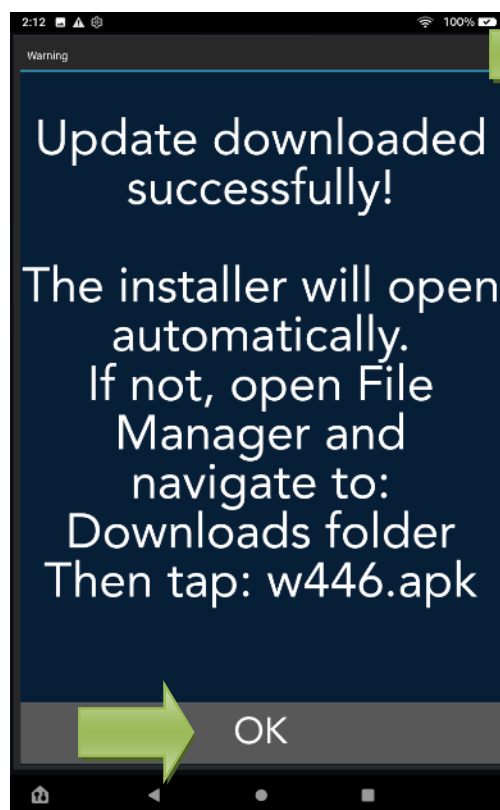


Figure 32 Update Downloaded

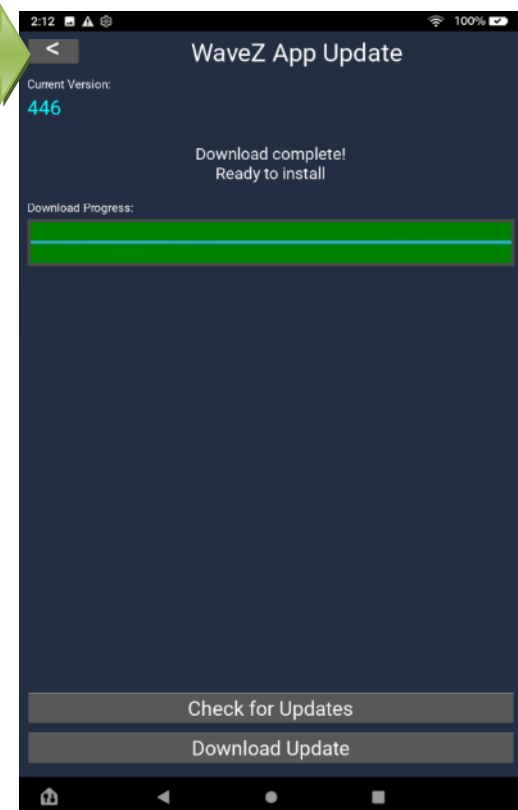


Figure 33 Ready to Install

If the installer doesn't open automatically, then complete the next section on manually updating the application.

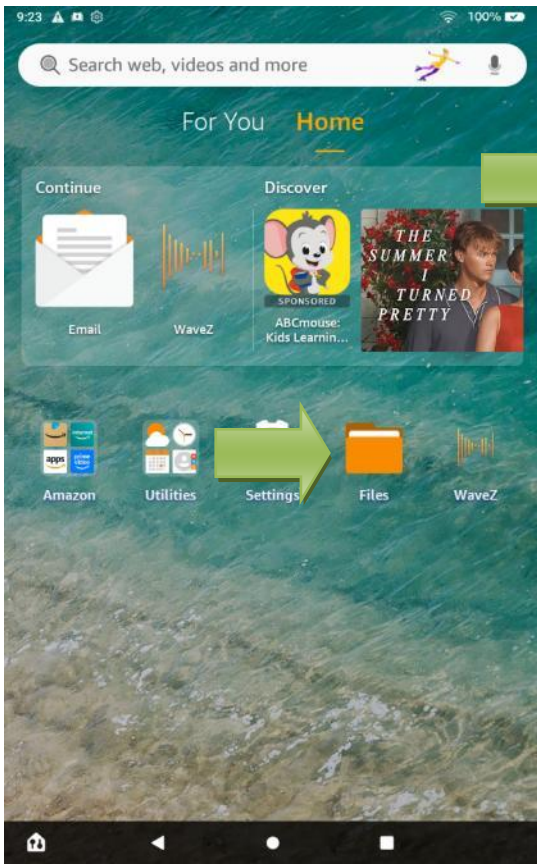


Figure 34 File Manager

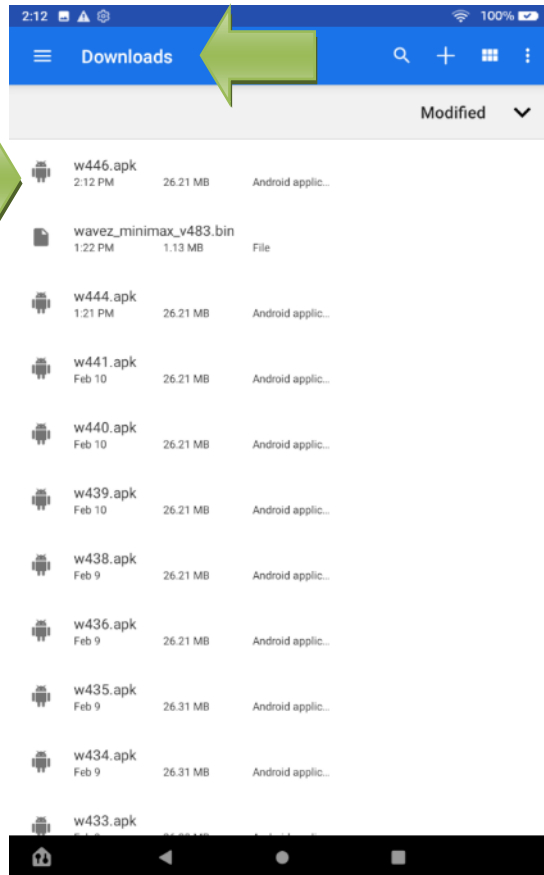


Figure 35 Manually Install

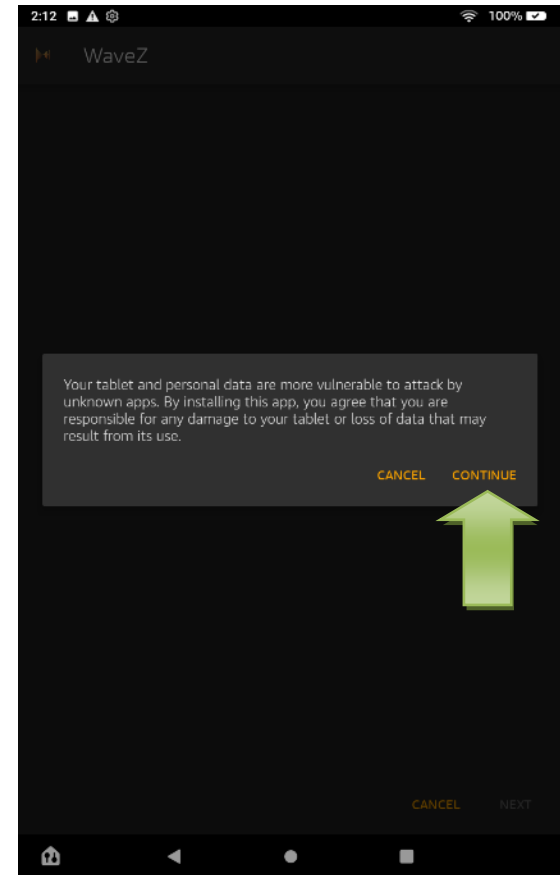


Figure 36 Continue Install

1. Select the install wNNN.apk file.
2. Press CONTINUE to continue the manual installation.

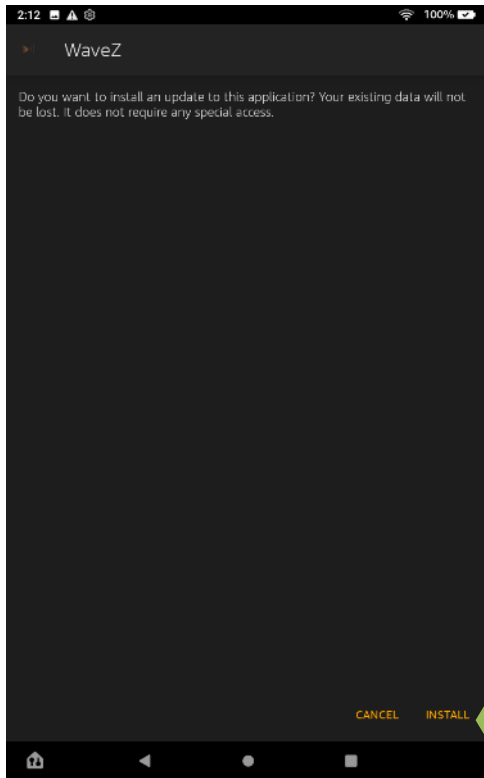


Figure 37 Install Button

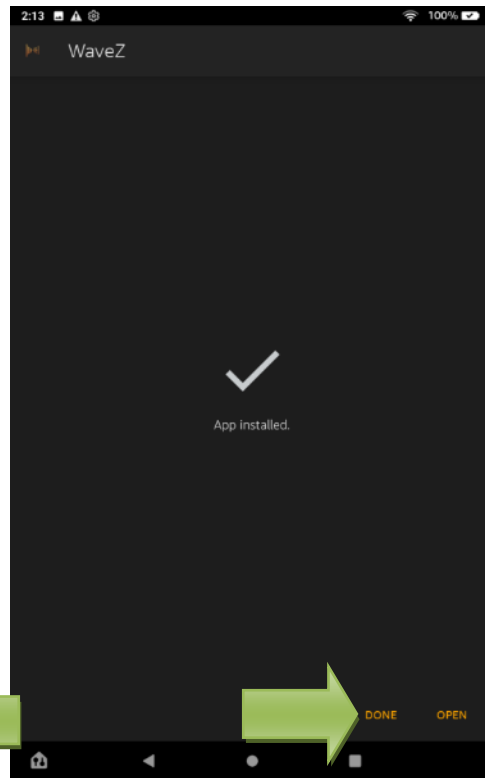


Figure 38 Done or Open

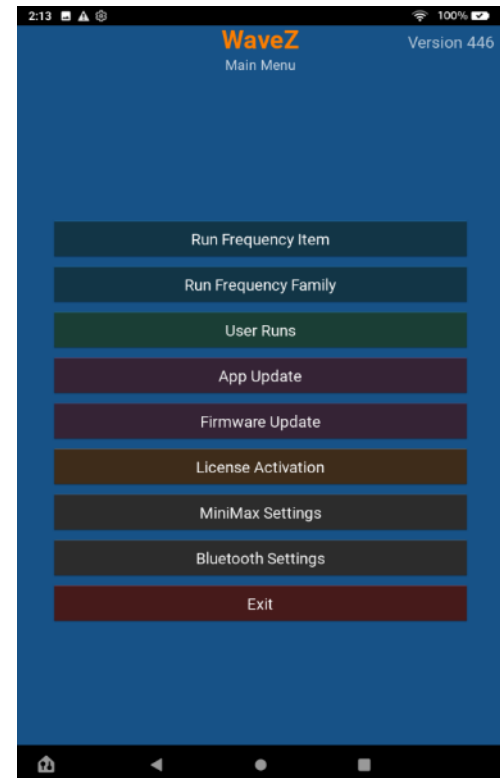


Figure 39: Validate Version

1. Press INSTALL to install the application manually
2. Press DONE or OPEN
3. Validate the Version number on the top right of the application in the Main Menu screen.

Firmware Update

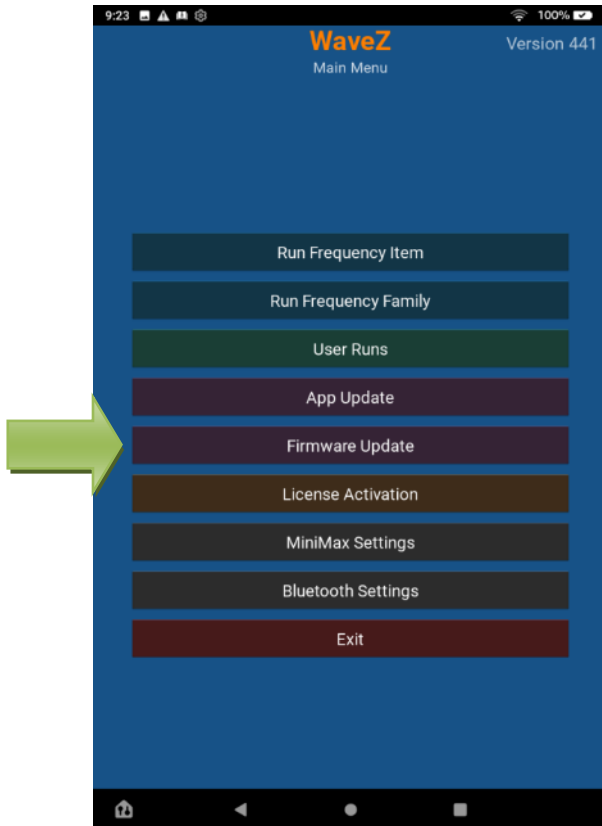


Figure 40 Main Menu – Firmware Update

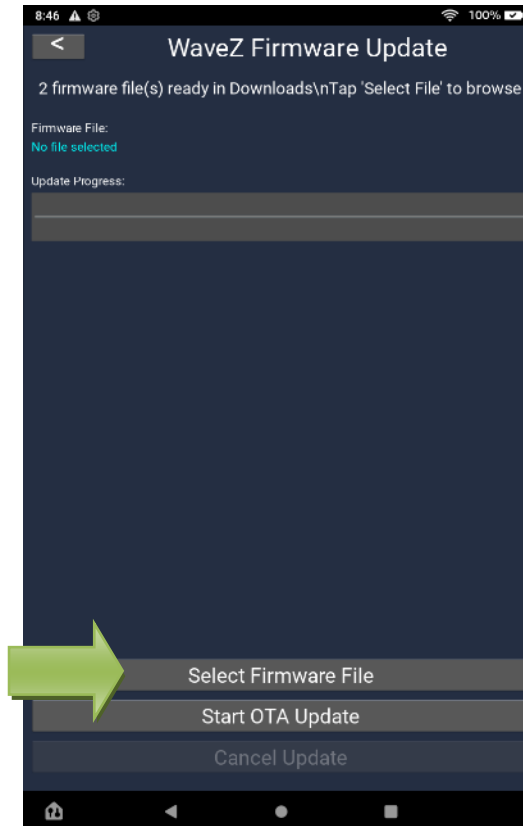


Figure 41: Select Firmware File

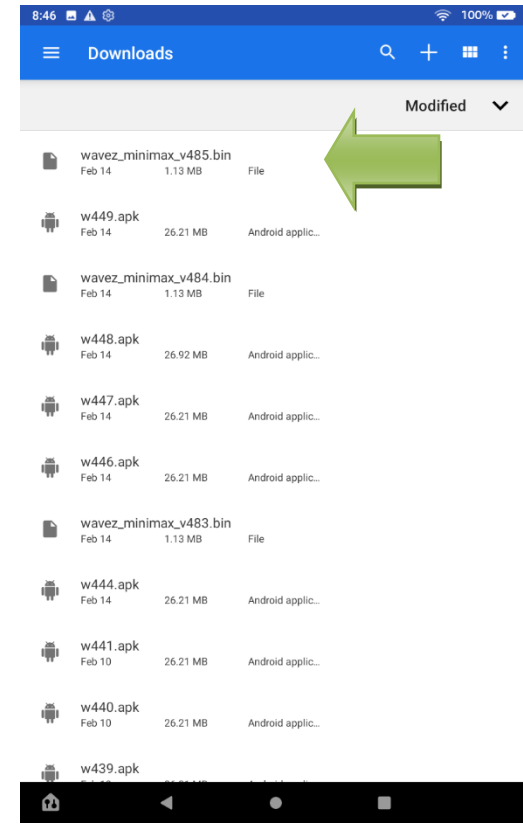


Figure 42 Firmware File

1. Access **Firmware Update** from Main Menu.
2. Select the approved firmware file from storage.
3. Run the upload by pressing “Start OTA (Over the Air) Update; the device will auto-restart when complete.

Supported Hardware

The WaveZ app supports a variety of hardware at the time of this User's Guide inception. This guide concentrates on the WaveZ MiniMax:



Figure 43 WaveZ MiniMax



A mini-Rife machine that uses Tens pads connected to the body to resonate frequencies through the body.

Figure 44 Pads

Appendix A — Quick Checklist for Frequency Sessions

A1. Essential Safety Reminders

1. Never place electrode pads on or over the heart (maintain 6-inch separation).
2. Start intensity at zero, increase until mild tingling, then decrease slightly.
3. This equipment is intended for educational use only—not for therapy

A2. Quick Checklist: Before You Begin

1. Confirm Bluetooth pairing between tablet and hardware.
2. Clean and dry skin before applying pads.
3. Do not place over wounds or thick hair.
4. Verify correct app mode (WaveZ for single, gWaveZ for Family).
5. Set Time and Repeat for the intended run.

A3. Frequency Item Mode — Fast Start Guide

1. Open WaveZ (Run Frequency Item).
2. Wait for Bluetooth auto-connect.
3. Select Group → Sequence.
4. Set Time and Repeat.
5. Press Play to begin.

A4. Frequency Family Mode — Fast Start Guide

1. Open gWaveZ (Run Frequency Family).
2. Choose Treatment → Add New Family.
3. Enter Family Name (e.g., “Leg Support”).

4. Pick Group and Sequence; set Minutes and Repeat.
5. Press “+” to add to Family.
6. Add extra sequences as needed.
7. Press Play for full Family run.

A5. Understanding Time & Repeat Settings

1. Time (Minutes): Controls how long each frequency or sequence runs.
2. Repeat: Determines how many times the selected sequence cycles from start to finish.

A6. Session Controls

1. Play — Starts the sequence or Family.
2. Pause — temporarily stops output; resumes where it left off.
3. Stop — Ends the run and resets to the beginning.

A7. Supported Hardware Overview

1. Mini Max — Compact, pad-based frequency output

A8. Best Practices for New Users

1. Begin with short sessions; increase gradually.
2. Keep a log of frequency sessions.
3. Use consistent pad placement.
4. Avoid overlapping pads.
5. Store pads on protective film after use.

Appendix B — Electrode Pad Placement on the Human Body

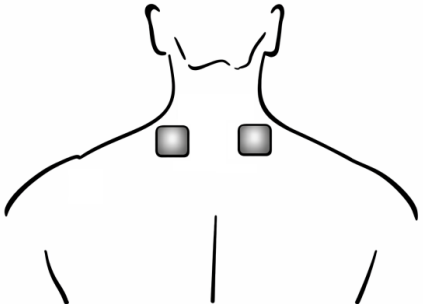

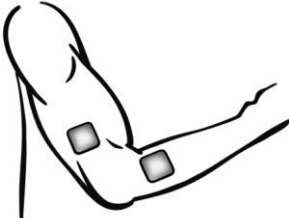
B1. General Pad Placement Principles

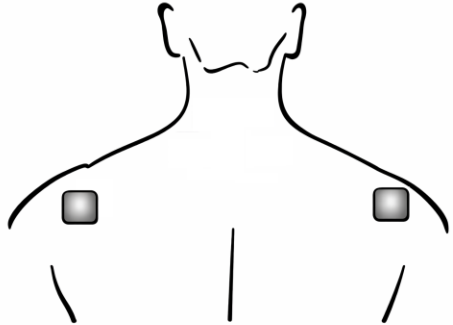
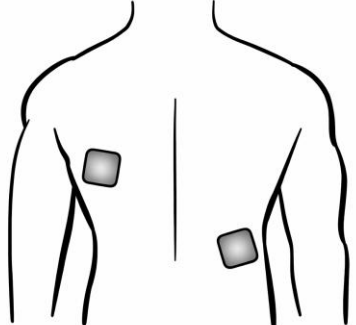
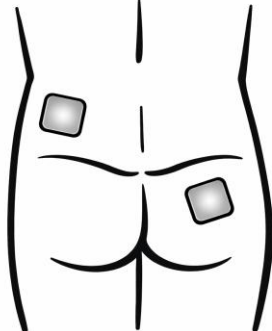
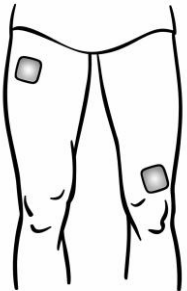
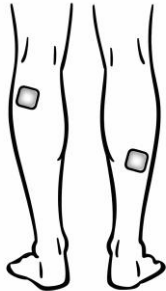
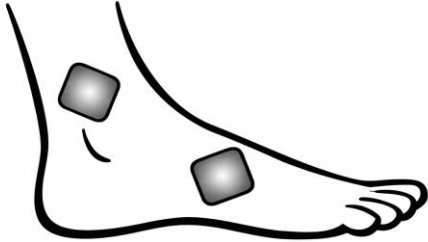
1. Never place pads on heart, carotid artery, spine, eyes, or open wounds.
2. Maintain 6-inch separation across the chest.
3. Do not remove pads while device is running.
4. Always start intensity at zero and adjust slowly.

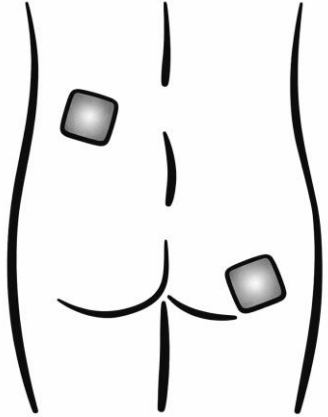
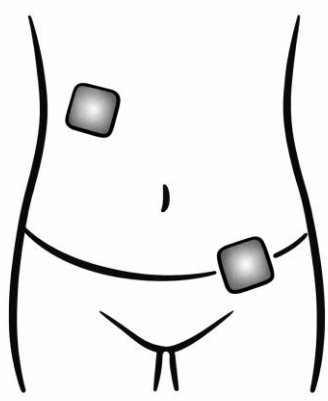

B2. Understanding Pad Types

1. Square Pads: General use for neck, shoulder, lower back, etc.
2. Rectangular Pads: For larger muscle areas.
3. Small Round Pads: For precision zones (wrist, foot, neck junctions).


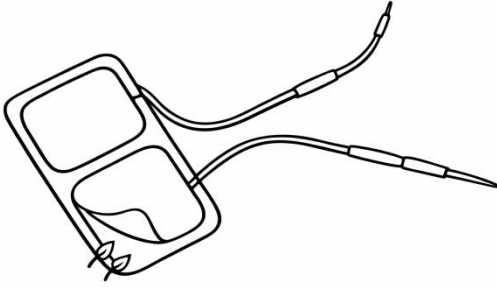
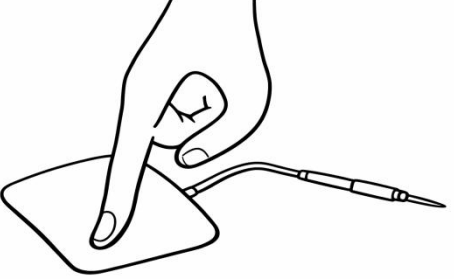
B3. Placement by Body Region

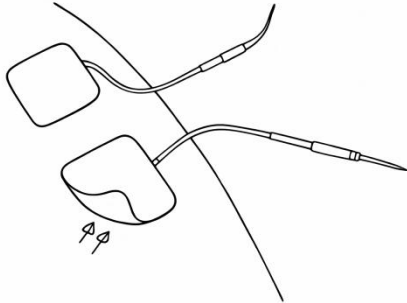
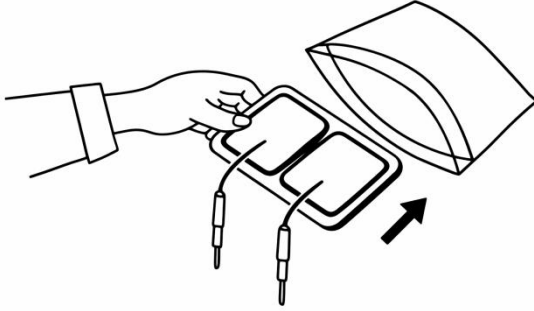
<p>Neck — Pads on either side of the spine.</p>	<p>Shoulder: Pads on the upper shoulder muscle or slightly down the upper arm</p>	<p>Elbow: Pads around the elbow joint—one above, one below.</p>
		

<p>Shoulder + Neck: One pad on the upper trapezium, one on the shoulder head.</p>	<p>Lower Back: Pads on either side of the lumbar region, avoiding the spine.</p>	<p>Buttocks: Pads on the gluteus muscle, spaced apart.</p>
		
<p>Thigh: Pads on the front or side of the thigh.</p>	<p>Calf: Pads on the back of the lower leg spaced vertically.</p>	<p>Ankle / Foot: Pads around the ankle joint or on the top/bottom of the foot using small round pads.</p>
		

<p>Sciatica Path: Pads along the lower back and upper thigh.</p>	<p>Abdomen: Pads on the lower abdomen spaced horizontally or vertically.</p>	<p>Knee: Pads around the knee joint—never on the kneecap.</p>
		

B4. Applying and Removing Pads Properly

<p>Clean and dry the skin before applying pads.</p>	<p>Peel pads gently from the corner—never pull by the wire.</p>	<p>Press pads firmly to ensure full contact.</p>
		

After use, turn off the unit before removing pads.	Store pads on their protective film in a cool, dry place.
	

B5. When to Replace Pads

1. Adhesion weak or gel damaged.
2. Edges curl or irritation occurs.

B6. Practical Tips for Best Results

1. Keep pad pairs symmetrical.
2. Avoid over joints that bend sharply.
3. Follow nerve path for pain or sensation-related tests.

Appendix C — Bluetooth Pairing

1. Turn on the WaveZ MiniMax unit.
2. On the tablet, open Bluetooth settings and ensure Bluetooth is enabled.
3. Select “WaveZ MiniMax” from the available devices list.
4. When prompted, confirm the pair request.
5. Return to the WaveZ App; connection will establish automatically.

Change Log — WaveZ Reference Guide

Version	Date	Description of Changes	Author
1.9	April 2026	Newer Screen Shots for the Family Treatments, created new pads placement images.	Ralph S
1.8	Feb 2026	Cleaned formatting, added figure placeholders, corrected cross-refs, improved disclaimer, added Change Log.	Ralph S
1.7	Jan 2026	Added Bluetooth Appendix C, expanded hardware overview.	Ralph S
1.6	Dec 2025	Revised Family Setup section and startup instructions.	Ralph S